

AMENDMENTS TO THE CLAIMS:

Claim 1. (Currently amended) A print system, comprising:

a computer; and

a printer connected directly, or indirectly, via a network to said computer, said printer comprising:

an archive for storing documents prepared by said computer; and

a page/document layout section for performing page/document layout processing for each stored document and for outputting ~~outputs~~ document data undergoing page/document layout, ~~provided by the page/document layout section.~~

Claim 2. (Currently amended) The print system as claimed in claim 1, wherein:

a user selects and specifies print, storage, or storage and print ~~and storage~~ from said computer as an output destination of the document data undergoing the page/document layout; and

said printer executes print, storage, or storage and print ~~and storage~~ as specified by the user.

Claim 3. (New) The system of claim 1, wherein said page/document layout section performs one of 1 up, 2 up, 4 up, saddle stitch, twining, double speed, and dual page print page/document layout for each stored document.

Claim 4. (New) The system of claim 1, wherein at least one of said stored documents comprises a page description language document.

Claim 5. (New) The system of claim 4, wherein said page description language document comprises a document in one of PostScript, PDF, PCL-5, PCL-5E, PCL-6, and PCL-XL page description languages.

Claim 6. (New) The system of claim 4, wherein said printer further comprises a drawing section that converts said page description language document into dot image data.

Claim 7. (New) The system of claim 6, wherein said page/document layout section performs page/document layout processing on said dot image data.

Claim 8. (New) The system of claim 4, wherein said page/document layout section converts said page description language document into an immediate print format.

Claim 9. (New) The system of claim 1, wherein said printer further comprises:
a spool; and
a spool control service section that accepts print jobs and registration in the spool, executes print jobs stored in the spool in the acceptance order, and executes requests from a spool control instruction section in the computer.

Claim 10. (New) The system of claim 1, wherein said printer further comprises an archive management service section that accepts and processes requests for at least one of registration, storage, print, storage and print, reference, deletion, name change, display, edit, move, copy, and retrieve.

Claim 11. (New) The system of claim 1, wherein said page/document layout section comprises:

- a decompressor that decompresses a stored document into a dot image data format;
- a page/document layout unit that receives a document in a dot image data format, performs page/document layout processing on said received dot image data format document and outputs a page/document layout processed dot image format document; and
- a compressor that receives and compresses said page/document layout processed dot image format from said page/document layout unit.

Claim 12. (New) The system of claim 11, wherein said printer further comprises a drawing section that converts said page description language document into dot image data, and that provides said converted document to said page/document layout unit.

Claim 13. (New) The system of claim 11, wherein said printer further comprises a drawing section, said dot image data output from said drawing section is transmitted to a second compressor, said second compressor compresses said dot image data into a compressed document, and said compressed document is transmitted to said page/document layout section.

Claim 14. (New) The system of claim 1, wherein each document stored in said archive includes an edit attribute and a print attribute, wherein said edit attribute comprises one of an editable attribute and an edited attribute, and wherein said print attribute comprises one of a printable attribute and a fast printable attribute.

Claim 15. (New) The system of claim 14, wherein said printable attribute indicates that a corresponding stored document comprises a document in a page description language, and said fast printable attribute indicates that a corresponding stored document comprises a document in a dot image format.

Claim 16. (New) The system of claim 1, wherein said printer further comprises a document format converter that converts a stored document into a display/edit format.

Claim 17. (New) The system of claim 16, wherein said document format converter comprises:

a page description language format converter that converts a stored document into a display/edit format; and

an image format converter that decompresses a document in a dot image format.

Claim 18. (New) The system of claim 1, wherein said printer further comprises:

a file transfer receiver that receives a document from said computer; and

a storage holder that stores said document received from said file transfer receiver.

Claim 19. (New) A printer, comprising:

an archive that stores documents prepared by a computer; and

a page/document layout section that performs page/document layout processing on at least one document stored in said archive.

Claim 20. (New) A printer, comprising:

means for storing documents prepared by a computer; and

means for performing page/document layout processing on at least one document

stored in said means for storing documents.